| Work Order ID 61491 Thursday, August 26, 2010 3:36:38 PM |                                     |                                    |              |             |                      |                          |       | · · · · · · · · · · · · · · · · · · · |               |                 | Page 1           |                |
|----------------------------------------------------------|-------------------------------------|------------------------------------|--------------|-------------|----------------------|--------------------------|-------|---------------------------------------|---------------|-----------------|------------------|----------------|
| Revision ID:                                             | D3761-1-041                         |                                    |              |             | Accept               |                          |       |                                       | S S           | Setup Star      |                  |                |
|                                                          | HOOK & LOC<br>8/26/2010<br>9/6/2010 | Start Qty: 5.00<br>Req'd Qty: 5.00 | 100          |             |                      | Cust Item 1<br>Customer: | D:    |                                       |               | 310             | P                |                |
| Approvals:                                               | Process Pla QC:                     | n:/                                | Date:_       | 10-8-29     | Tooling: SPC (Y/N):  |                          | ate:  |                                       | I             | Run Stai<br>Sto |                  |                |
| Sequence ID/<br>Work Center II                           | )                                   | Operation<br>Description           |              |             | Set Up/<br>Run Hours | Tool ID                  | Tool# | Plan<br>Code                          | Accept<br>Qty | Reject<br>Qty   | Reject<br>Number | Insp.<br>Stamp |
| Draw Nbr                                                 | Revi                                | ision Nbr                          |              |             |                      | -                        |       |                                       |               |                 |                  |                |
| D3761                                                    | Rev                                 |                                    |              |             |                      |                          |       |                                       |               |                 |                  |                |
|                                                          |                                     | Pick Kit                           |              |             | 0.00                 |                          |       |                                       |               | blu             |                  | ,              |
| Packaging Packaging                                      |                                     | Memo                               |              |             | 0.00                 |                          |       |                                       | ( 00)         | <i>7/-7-</i>    |                  | -              |
|                                                          |                                     | Small Fab                          |              |             | 0.00                 |                          |       |                                       | []            | 1 h hu          |                  |                |
| Small Fab                                                |                                     | Memo                               |              |             | 0.00                 |                          |       |                                       | Les           | []*]-] <u>-</u> | <del></del>      |                |
| Small Fab                                                |                                     | CUT D3                             | 761-1 PER DR | WG D3761 RI | EV.A□4.125"          |                          |       |                                       |               | •               |                  |                |

120

QC5- Inspect part completeness to step on W/O

0.00 2 wolon/14

Memo

Quality Control

| W/O:        |      | WORK ORDER CHANGES |                      |                              |               |         |                                     |                          |              |  |  |  |
|-------------|------|--------------------|----------------------|------------------------------|---------------|---------|-------------------------------------|--------------------------|--------------|--|--|--|
| DATE        | STEP | PROG               | IANGE                | Ву                           | Da            | te Qty  | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      | PAR #:             | _ Fault Ca           | tegory:                      | NCR: Ye       | es No   | DQA:                                | Date:                    |              |  |  |  |
| Resolution: |      |                    | _ Disposit           | ion:                         | QA: N/C       | Date: _ |                                     |                          |              |  |  |  |
| NCR:        |      | W                  | ORK OR               | DER NON-CONFORMA             | NCE (N        | CR)     |                                     |                          |              |  |  |  |
| DATE        | STEP | Description of NC  |                      | Section B Verific            |               |         | Approval                            | Approval                 |              |  |  |  |
| DAIL        | SILF | Section A          | Initial<br>Chief Eng | Action Description Chief Eng | n Sign<br>Dat |         | Section C                           | Chief Eng                | QC Inspector |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              |               |         |                                     |                          |              |  |  |  |
|             |      |                    |                      |                              | *             | 1       |                                     |                          |              |  |  |  |

# Work Order ID 61491

Thursday, August 26, 2010 3:36:38 PM



Page 2

Item ID:

D3761-1-041

Accept

Setup Start

Stop

**Revision ID:** 

**Item Name:** 

Required Date: 9/6/2010

**HOOK & LOOP STRIP** 

**Start Date:** 

8/26/2010

Start Qty: 5.00

Req'd Qty: 5.00

Date:\_\_\_\_\_

**Cust Item ID: Customer:** 

Reference:

Approvals:

QC:

Process Plan:

Date:\_\_\_\_\_

Tooling: SPC (Y/N):

Date: Date:

Start Run

Stop



Sequence ID/ Work Center ID

130

Packaging Packaging

Operation Description

Identify as per dwg & Stock Location: 245

Set Up/ **Run Hours** 

0.00

0.00

**Tool ID** 

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

Memo

0.00

| W/O:        |      |                   | W                    | ORK ORDER CHANG              | ES         | <del></del>                   |                          |           | •            |  |
|-------------|------|-------------------|----------------------|------------------------------|------------|-------------------------------|--------------------------|-----------|--------------|--|
| DATE        | STEP | PRO               | Ву                   | Date                         | Qty        | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |           |              |  |
|             |      |                   |                      |                              |            |                               |                          |           |              |  |
|             |      |                   |                      |                              |            |                               |                          |           |              |  |
|             |      |                   |                      |                              |            |                               |                          |           |              |  |
|             |      |                   |                      |                              |            |                               |                          |           |              |  |
|             |      | PAR #:            | Fault Cate           | egory:                       | _ NCR: Yes | No DG                         | A:                       | Date:     |              |  |
| Resolution: |      |                   | Disposition          | on:                          | QA: N/C C  | QA: N/C Closed: Da            |                          |           |              |  |
| NCR:        |      |                   | WORK ORD             | ER NON-CONFORM               | ANCE (NC   | R)                            |                          |           |              |  |
| DATE        | STEP | Description of NC | Anni Ainn A          |                              | tion B     |                               | ication<br>tion C        |           | Approval     |  |
| DAIL        | O.L. | Section A         | Initial<br>Chief Eng | Action Description Chief Eng |            |                               |                          | Chief Eng | QC Inspector |  |
|             |      |                   |                      |                              |            |                               |                          |           |              |  |
|             |      |                   |                      |                              |            |                               |                          |           | ,            |  |
|             |      |                   |                      |                              |            |                               |                          |           |              |  |
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|             |      |                   |                      |                              |            |                               |                          |           |              |  |
|             |      |                   |                      |                              |            |                               |                          |           |              |  |
|             |      |                   |                      |                              |            |                               |                          |           |              |  |
|             |      |                   |                      |                              |            |                               |                          |           |              |  |

# Picklist Print

Thursday, August 26, 2010 3:36:42 PM

Work Order ID: 61491

D3761-1-041 Parent Item:

Parent Item Name: HOOK & LOOP STRIP

**Start Date: 8/26/2010** 

Required Date: 9/6/2010

Page 1

Start Qty: 5.00/0

Required Qty: 5.00

#### **Comments:**

|   | Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|   | D3761-1                         |                        | Manufactured  | No          |                     |                  |                 | f                  | 63.1590        | 0.35        | 1.75         |               | _              |        |
| 1 |                                 |                        |               |             |                     |                  |                 |                    |                |             | 2            | .15           | CI)            |        |

**HOOK & LOOP STRIP** 

Location Loc Code Loc Qty ST245 63.159 55429 3.159 56400 56400 60

| Dail Ac | Ospace          | Lta               |                           |                              |       |               |              |            |                                     |                          |  |
|---------|-----------------|-------------------|---------------------------|------------------------------|-------|---------------|--------------|------------|-------------------------------------|--------------------------|--|
| W/O:    |                 |                   | W                         | ORK ORDER CHANGE             | ES    |               |              |            |                                     |                          |  |
| DATE    | STEP            | PRO               | PROCEDURE CHANGE          |                              |       |               | Date         | Qty        | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |  |
|         |                 |                   |                           |                              | į     |               |              | ,          |                                     |                          |  |
|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
| Part No | Part No: PAR #: |                   | Fault Cate                | egory:                       | NCR:  | Yes N         | lo <b>DQ</b> | <b>A</b> : | Date:                               |                          |  |
|         | Re              | esolution:        | Disposition               | Disposition: C               |       |               |              |            | Date:                               |                          |  |
| NCR:    |                 |                   | WORK ORD                  | ER NON-CONFORMA              | NCE ( | NCR)          |              |            |                                     |                          |  |
| DATE    | STEP            | Description of NC | Corrective Action Section |                              |       | Veriti        |              |            | Approval                            | Approval                 |  |
| DAIL    | SIEF            | Section A         | Initial<br>Chief Eng      | Action Description Chief Eng |       | ign &<br>Date | Sect         | ion C      | Chief Eng                           | QC Inspector             |  |
|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
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|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
|         |                 |                   |                           |                              |       |               |              |            |                                     |                          |  |
|         |                 |                   |                           |                              |       |               | ]            |            |                                     |                          |  |

# **SPECIFICATION CONTROL DRAWING**

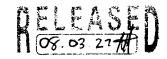
SHOP COPY RETURN TO ENGINEERING UNCONTROLL ED CC SUBJECT TO ANTINOMEN. WITHOUT NOTICE WORK ORDER NO. 2/49/

PART NUMBER: D3761-X-YYY

WHERE: X = HOOK & LOOP STRIP PER TABLE BELOW
YYY= LENGTH IN INCHES, WHERE LAST NUMBER IS IN EIGHTHS OF AN INCH EXAMPLE: 2" WIDE BLACK SELF-GRIP HOOK & LOOP STRIP 4 1/8" LONG = D3761-1-041 810824

| DART P/N    | WIDTH<br>(in) | MATED<br>THICKNESS<br>(in) | COLOUR | McMASTER-CARR<br>P/N                                        |
|-------------|---------------|----------------------------|--------|-------------------------------------------------------------|
| D3761-1-YYY | 2.0           | 0.12                       | BLACK  | 94905K72<br>94905K73<br>94905K114<br>94905K119<br>94905K125 |

## **D3761-X-YYY SELF-GRIP HOOK & LOOP STRIP**



1) MATERIAL: CUT TO LENGTH FROM ROLL

2) FINISH: N/A

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: N/A

7) WEIGHT: N/A

| Α      | NEW IS | SUE      |                                                                                                                                                                                                                                                                           | LE     | 08.03.05     |  |  |  |  |
|--------|--------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------|--|--|--|--|
| REV.   |        | , 1      | DESCRIPTION                                                                                                                                                                                                                                                               | BY     | DATE         |  |  |  |  |
| DESIGN | 1      | C#       | DART AEROSP                                                                                                                                                                                                                                                               | ACE L  | TD           |  |  |  |  |
| DRAW   | 1      | (A       | HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                                               |        |              |  |  |  |  |
| CHECK  | ED     | 13       | DRAWING NO.                                                                                                                                                                                                                                                               | REV. A |              |  |  |  |  |
| MFG. A | PPR.   | <i>X</i> | D3761                                                                                                                                                                                                                                                                     |        | SHEET 1 OF 1 |  |  |  |  |
| APPRO  | VED    | -4-      | TITLE                                                                                                                                                                                                                                                                     |        | SCALE        |  |  |  |  |
| DE APF | PR.    | all -    | SELF-GRIP HOOK & LC                                                                                                                                                                                                                                                       | OP ST  | RIP NTS      |  |  |  |  |
| DATE   | 08.0   | 3.05     | COPYRIGHT © 2008 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  NOT TO BE USED FOR ANY PURPOSE OR COMEDIO OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  WRITTEN PERMISSION FROM DARY APPORESCE LTD. |        |              |  |  |  |  |

|                 |       |                   | f was                |                                             |            |                                     |                          |          |              |  |
|-----------------|-------|-------------------|----------------------|---------------------------------------------|------------|-------------------------------------|--------------------------|----------|--------------|--|
| W/O:            |       |                   | W                    | ORK ORDER CHANGE                            | ES         |                                     |                          |          | 4*           |  |
| DATE            | STEP  | PRO               | Ву                   | Date                                        | Qty        | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |          |              |  |
|                 |       |                   |                      |                                             |            |                                     | į                        |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
| Part No: PAR #: |       |                   |                      | NCR: Yes No DQA: Date:                      |            |                                     |                          |          |              |  |
|                 | R     | esolution:        | Dispositi            | on:                                         | QA: N/C CI | osed:                               |                          | Date:    |              |  |
| NCR:            |       |                   | WORK ORI             | DER NON-CONFORMA  Corrective Action Section | NCE (NCF   | R)                                  |                          |          |              |  |
| DATE            | STEP  | Description of NC | In tall of           | on B<br>Sign 8                              |            | cation                              | Approval                 | Approval |              |  |
| DAIL            | O I L | Section A         | Initial<br>Chief Eng | Action Description Chief Eng                | Date       | Sect                                | Section C Chie           |          | QC Inspector |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 | 1     |                   |                      |                                             |            |                                     |                          |          |              |  |
|                 |       |                   |                      |                                             |            |                                     |                          |          |              |  |